

MATERIAL SAFETY DATA SHEET		
I. GENERAL INFORMATION		
ENFORCER PRODUCTS, A DIVISION OF NATIONAL SERVICE INDUSTRIES, INC. P. O. BOX 1060 CARTERSVILLE, GA. 30120 WWW.ENFORCER.COM	MANUFACTURER'S PHONE NUMBER: (770) 386-0801 24 HOUR EMERGENCY NUMBER: 1-800-255-3924	HAZARD RATINGS:  HEALTH_2_ REACTIVITY_0_ FLAMMABILITY_0_ PERSONAL PROTECTION_A_
PRODUCT NAME: <b>ZEP COMMERCIAL READY TO USE PEST CONTROL III</b>		EPA REG. NO.: 432-857-40849
PREPARED BY: S. SHELKOP		DATE: JULY 31, 2000

II. INGREDIENTS						
PRINCIPAL COMPONENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV	RTECS #	OSHA/ACGIH STEL
DELTAMETHRIN	52918-63-5	0.02	NOT ESTAB.	NOT ESTAB.	N/D	100 µg/m <sup>3</sup> (15 minutes)
INERT INGREDIENTS	*	*	*	*	*	*

III. PHYSICAL DATA		
BOILING POINT: 212 °F	SPECIFIC GRAVITY: 1.00 g/ml	VAPOR PRESSURE (mm Hg.): > N/D
PERCENT VOLATILE BY VOLUME: >95%	VAPOR DENSITY: N/A	EVAPORATION RATE (Water = 1): N/D
SOLUBILITY IN WATER: DISPERSES	APPEARANCE & ODOR: OPAQUE TRANSLUCENT GEL	

IV. FIRE & EXPLOSION DATA		
FLASHPOINT (Method used): NONE	AUTOIGNITION TEMPERATURE: N/A	FLAMMABLE LIMITS: N/A
LEL: N/A	UEL: N/A	EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, OR WATER
SPECIAL FIRE FIGHTING PROCEDURES:	FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING WHEN FIGHTING FIRES THAT INVOLVES THIS PRODUCT. CARBON MONOXIDE AND CARBON DIOXIDE MIGHT BE RELEASED WHEN EXPOSED TO FIRE CONDITIONS.	
UNUSUAL FIRE & EXPLOSION HAZARDS:	PRODUCT MAY RELEASE CO AND CO2 AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.	

V. REACTIVITY HAZARD DATA	
STABILITY: [X] STABLE        UNSTABLE	CONDITIONS TO AVOID: NONE KNOWN
INCOMPATIBILITY (Materials to avoid):	AVOID CONTACT WITH STRONG OXIDIZING AND REDUCING AGENTS.
HAZARDOUS POLYMERIZATION:	WILL OCCUR                       X  WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:	PRODUCT MAY RELEASE CO AND CO2 AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

VI. HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY:	INHALATION [X]      INGESTION [X]      SKIN ABSORPTION [X]      EYE [X]      NOT HAZARDOUS
<b>ACUTE EFFECTS OF OVEREXPOSURE:</b>	
INGESTION:	HARMFUL IF SWALLOWED. MAY CAUSE A TRANSIENT PARESTHESIA. IT HAS PRODUCED ATAXIA, SALIVATION, TREMORS, CONVULSIONS, AND RESPIRATORY DEPRESSION IN LABORATORY ANIMALS.
SKIN CONTACT:	MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE A TRANSIENT, LOCALIZED PARESTHESIA, CHARACTERIZED BY TINGLING, BURNING OR NUMBNESS SENSATION IN SOME INDIVIDUALS.
INHALATION:	HARMFUL IF INHALED. MAY CAUSE A TRANSIENT PARESTHESIA. IT HAS PRODUCED ATAXIA, SALIVATION, TREMORS, CONVULSIONS, AND RESPIRATORY DEPRESSION IN LABORATORY ANIMALS.
EYE CONTACT:	IRRITATING.
CHRONIC EFFECTS OF OVEREXPOSURE: TOXIC BY INGESTION.	
CARCINOGENICITY:	NTP? NO      IARC? NO      OSHA REGULATED? NO
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	EXCESSIVE EXPOSURE MAY AGGRAVATE EXISTING LUNG DISEASE.
<b>EMERGENCY FIRST AID PROCEDURES:</b>	
INGESTION:	GIVE LARGE QUANTITIES OF WATER. INDUCE VOMITING. DO NOT INDUCE VOMITING OR ADMINISTER FLUIDS TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT:	WASH SKIN WITH SOAP AND WATER. IF IRRITATION RESULTS AND PERSISTS, SEE A PHYSICIAN. APPLYING COLD CREAM OR ANY MOISTURIZING CREAM HAS BEEN SUCCESSFUL IN DIMINISHING THE SENSATIONS ASSOCIATED WITH LOCALIZED PARATHESIA.
INHALATION:	REMOVE VICTIM TO FRESH AIR. IF BREATHING DOES NOT RETURN TO NORMAL WITHIN A FEW MINUTES, GET MEDICAL ATTENTION IMMEDIATELY.
EYE CONTACT:	IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS PERIODICALLY. IF IRRITATION RESULTS AND PERSISTS, GET MEDICAL ATTENTION IMMEDIATELY.

VII. CONTROL AND PROTECTIVE MEASURES	
EYE PROTECTION:	SAFETY GLASSES OR GOGGLES RECOMMENDED WHEN USING ANY CHEMICAL.
RESPIRATORY PROTECTION (specify):	NOT REQUIRED WITH PROPER VENTILATION. USE NIOSH APPROVED CHEMICAL CARTRIDGE-TYPE RESPIRATOR IN ABSENCE OF PROPER MECHANICAL VENTILATION OR IF NECESSARY TO AVOID DUST OF PRODUCT.
SKIN PROTECTION:	CHEMICAL RESISTANT GLOVES (NEOPRENE, NITRILE, PVC) AND OTHER PROTECTIVE CLOTHING TO AVOID SKIN CONTACT.
VENTILATION:	GENERAL EXHAUST WHEN USED IN AN ENCLOSED AREA.
OTHER PROTECTION:	NOT REQUIRED.

VIII. SPECIAL PRECAUTIONS	
HANDLING AND STORING PROCEDURES:	STORE AWAY FROM HEAT IN A COOL, DRY PLACE. DO NOT STORE NEAR FEED OR FOOD.
RELEASE OR SPILL PROCEDURES:	<u>LARGE SPILLS:</u> DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS. <u>SMALL SPILLS:</u> SWEEP OR VACUUM UP SPILLED PRODUCT AND PLACE IN PLASTIC TRASH BAG FOR DISPOSAL WITH OTHER SANITARY WASTE.
WASTE DISPOSAL METHOD:	DO NOT REUSE EMPTY CONTAINERS. REPLACE CAP, WRAP IN SEVERAL LAYERS OF NEWSPAPERS AND PLACE IN TRASH WITH OTHER SANITARY WASTE. <b>DO NOT POUR DOWN DRAINS. THIS PRODUCT IS EXTREMELY TOXIC TO FISH AND AQUATIC INVERTEBRATES.</b>
OTHER PRECAUTIONS:	KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN AND PETS.

**IX. ADDITIONAL INFORMATION**

PROPER DOT SHIPPING NAME: NOT DOT REGULATED

BIODEGRADABILITY: NOT DETERMINED

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTIED CONTAINER CLOSED TIGHTLY.

THIS INFORMATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

\*\*\*\*\* END OF REPORT \*\*\*\*\*